

GROUND-WATER LEVELS

BUNCOMBE COUNTY—Continued

352808082382601. County number, BU-077; DENR Bent Creek Research Station MW-4S (Regolith well).

LOCATION.--Lat 35°28'08", long 82°38'27", Hydrologic Unit 06010105, 1.2 mi north of Blue Ridge Parkway, 3.1 mi west of Brevard Road in Bent Creek Research Forest. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith (saprolitic Biotite Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 22 ft, diameter 4 in., cased to 7 ft, screened interval from 7 ft to 22 ft, sand filter packed from 5 ft to 22 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 2,259.66 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 3.12 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

PERIOD OF RECORD.--February 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.83 ft below land-surface datum, July 3, 2003; lowest water level measured 9.53 ft below land-surface datum, Feb. 4, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	8.88	DEC 02	8.52	FEB 02	8.69	APR 01	8.37	JUN 04	8.65	AUG 02	9.23
NOV 07	8.73	JAN 06	8.54	MAR 05	8.45	MAY 03	8.32	JUL 02	8.82	SEP 01	9.46

